

BARONI, Ye.Ye.; KOVYRZINA, K.A.; TSVETKOVA, T.A.

p,p'-Diphenylstilbene. Part 3. Zhur.org.khim. 1 no.3:513-515 Mr
'65. (MIRA 18:4)

VAL'TSEV, V.K.; KOVYRZINA, V.P.

Reaction of lanthanum oxide with ammonium nitrate and sulfate. Izv. Sib. otd. AN SSSR no. 10:71-76 '60.

(MIRA 13:12)

1. Institut neorganicheskoy khimii Sibirskogo otdeleniya
AN SSSR.
(Lanthanum oxide) (Ammonium salts)

5.2380

1228 1687 1273

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S/200/61/000/009/002/003
D219/D301

AUTHORS: Val'tsev, V.K., and Kovyrzina, V.P.

TITLE: Thermographic investigation of the reaction of lanthanide oxide with maleic acid

PERIODICAL: Akademiya nauk SSSR. Sibirskoye otdeleniye, Izvestiya, no. 9, 1961, 47-52

TEXT: Thermal methods of synthesizing the rare-earth maleates have been little studied, so the authors investigated this problem by physico-chemical research on the reaction of La₂O₃ with maleic acid. The analyses were carried out in accordance with N.S. Kurnakov's thermographic method. Abstracter's note: No reference given with supplementary volumetric, crystallographic and chemical techniques. The experimental apparatus included the pyrometer and recording buret, described by L.G. Berg (Ref. 2: Termografija (Thermography), Moscow, 1937; Ref. 3: Tr. Kaz. fil. AN SSSR, vyp. 3, 1956), and G.B. Bokiy's polarizing microscope (Ref. 4: Immersionnyy analiz (Immersion analysis), Moscow, 1951). It was first established that the

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Thermographic investigation of the reaction...

reaction between La_2O_3 and maleic acid begins at 110° . Next, mixtures containing variable amounts of these compounds were heated for 20 minutes at 130° and then analyzed crystallo-optically, when two products--termed A and B--were detected. Their refractive indices are 1.577 and 1.446 , both substances being soluble in water but insoluble in alcohol, acetone and benzene. B, present in very small quantities, may be due either to A's reaction with excess maleic acid or to A's thermal decomposition. Additional tests, involving the continuous heating of samples to 350° and the use of CaH_2 and P_2O_5 absorbers, indicated the dissociation of A first at 145° , when water is evolved, and then again at 196° ; CO_2 , however, is only given off at temperatures of 260° and above. It was further ascertained that A partly decomposes at 145° into B, which itself dissociates into water and CO_2 between 196° and 260° . The maximum evolution of heat from the reaction is obtained if the original materials are taken in strict stoichiometric proportions; the greater the divergence from this ratio, the less likely the decomposition of A. According to the results of the authors' chemical analyses A has the formula: $\text{La}_2(\text{C}_4\text{O}_4\text{H}_2)_3 \cdot 1.23\text{H}_4\text{C}_4\text{O}_4$. Its aqueous solution

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Thermographic investigation of the reaction...

gives a pH of 4 and intensely decolorizes permanganate. Conclusions.
1) The lanthanic maleate thus synthesized differs from the usual neutral-salts prepared from rare-earth oxides and ammonium compounds in that it is a double salt--of $\text{La}_2(\text{C}_4\text{O}_4\text{H}_2)_3$ and $\text{H}_4\text{C}_4\text{O}_4$. 2) The thermal decomposition of the double salt proceeds through the splitting-off of maleic acid, which simultaneously breaks down into the anhydride and water, to the formation of a new compound that also dissociates at higher temperatures; the nature of this substance has yet to be determined. 3) The authors stress the importance of this reaction between rare-earth oxides and molten acid to form new compounds with new properties; e.g. the solubility of these secondary products is negligible in comparison with that of the primary products of the interaction of rare-earth oxides with certain organic acids. There are 4 figures and 4 Soviet-bloc references.

ASSOCIATION: Institut neorganicheskoy khimii Sibirskogo otdeleniya Akademii nauk SSSR, Novosibirsk (Institute of Inorganic Chemistry, Siberian Section, Academy of Sciences of the USSR, Novosibirsk)

Card 3/4

BERG, L.G.; KOVYRZINA, V.P.

Effect of admixtures on the dissociation of cadmium carbonate.
Dokl. AN SSSR 151 no.1:117-119 Jl '63. (MIRA 16:9)

1. Khimicheskiy institut im. A.Ye. Arbuzova AN SSSR, Kazan'.
Predstavлено академиком A.Ye. Arbuzovym.
(Cadmium carbonate) (Dissociation)

BERG, L.G.; KOVYRZINA, V.P.

Thermodynamics of dissociation of ferrous and manganese hydroxides,
Zhur.neorg.khim. 8 no.9:2041-2045 S '63. (MIRA 16:10)

KOVYRZINA, Ye.D.

Application of hexylresorcinol in the treatment of ascariasis and
trichocephaliasis in children. Pediatriia, Moskva No.3:53-55 May-
June 51. (CIML 21:4)

1. Of the Railroad Children's Polyclinic of the Southwestern Railroad
(Head--S.V. Malyusova).

KOVYZHENKO, P.G.

Automatic control of conveyor lines. Ugol' Ukr. 6 no.11:40
N '62. (MIRA 15:12)
(Conveying machinery) (Automatic control)

TOPEKHA, Petr Pavlovich; KOVYZHENKO, V.V., otv. red.; MAVZYUK,
O.L., red.

[Problems of the unity of the trade-union movement in modern
Japan] Voprosy edinstva profsoiuznogo dvizheniya v sovremen-
noi Iaponii. Moskva, Izd-vo "Nauka," 1964. 162 p.
(MIRA 17:4)

NIKITIN , A.M.[translator]; KONOPIKHIN , F.V.[translator]; KOVYZHENKO,
V.V., redaktor; SHLENOVA, N.A., redakteur; DUMEREE, I.Ya., tekhnicheskiy redaktor.

[The present situation of the labor movement in Japan. Translated
from the English] Sovremennoe sostoyanie rabochego dvizheniya v
Iaponii. Pereved s angliyskogo A.M.Nikitina i F.V.Konopikhina. Red.
V.V.Kovyzhenko. Moskva, Izd-vo inostrannei lit-ry, 1955. 72 p.
(Japan--Trade Unions) (MLRA 9:5)

KOVZAN, A.A., inzh.

Using airplane covering as one of phase conductors. Trudy MAI no.85:
102-118 '57. (MLRA 10:9)
(Airplanes--Electric equipment)

8(6), 9(2)

AUTHOR: Kovzan, A.A., Engineer

SOV/143-58-10-3/24

TITLE: Balancing Three-Phase Networks With Single-Phase Loads

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Energetika,
1958, Nr 10, pp 17-25 (USSR)

ABSTRACT: Single-phase loads in three-phase networks are the causes of voltage and current asymmetry. Various methods are available for balancing three-phase networks and many papers were devoted to this problem in the USSR and abroad. In this paper, the author investigates the possibility of static balancing for a three-phase network with a single-phase load by using three, star-connected reactance elements, as shown in figure 1. A graphic-analytical method is used for investigating the influence of frequency fluctuations of the feeding network on the network asymmetry. The possibility of balancing three-phase networks with single-phase loads causing asymmetry, according to the method suggested by the author, is confirmed by calculations and experimental data. A similar static balancing in

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SOV/143-58-10-3/24

Balancing Three-Phase Networks With Single-Phase Loads

networks with a higher frequency (for example, aircraft networks) is more effective in regard to weight, than in power distribution systems operating with lower frequencies. The author presents in two appendices the derivations of formulae used in his investigation. There are 11 graphs, 1 circuit diagram, 2 tables and 1 American reference.

ASSOCIATION: Moskovskiy ordena Lenina aviatsionnyy institut imeni S. Ordzhonikidze (Moscow Aviation Institute imeni S. Ordzhonikidze) Kafedra teoreticheskoy elekrotekhniki (Chair of Theoretical Electrical Engineering)

SUBMITTED: June 5, 1958

Card 2/2

KOVZAN, A.A.

1(1), 28(1) PHASE I BOOK EXPLOITATION Sov/3180

Moscow. Avia-tionnyy Institut imeni Sergo Ordzhonikidze. Elektronicheskiye tsipri elementy avtomaticheskikh ustroystv i avtomaticheskikh sistem. (Electric Circuits and Components of Automatic Systems). Collection of Articles. Leningrad. Sudpromgiz. 1958. 66 p. (Series: Tsii. Trudy, vyp. 102) Errata slip inserted. 5,100 copies printed.

Sponsoring Agency: U.S.S.R. Ministerstvo vysshego obrazovaniya.

Resp. Ed.: G.I. Atabekov; Ed. (title page): G.I. Atabekov; Doctor of Technical Sciences; Professor; Ed. (inside book); V.S. Chishchikova; Tech. Ed.; R.K. Tsai.

PURPOSE: This collection of articles is intended mainly for persons engaged in problems of electrical engineering and automation in aviation.

CONTENT: The collection contains articles dealing with the analysis and design of components of automatic control systems and also with methods of calculating the parameters of the two-wire-frame aircraft system. The articles are based on the work carried out in 1956 and 1957 by the staff of the Department of Theoretical Electrical Engineering of MAI. This work is characterized by two basic approaches: 1) theoretical and experimental investigation and development of methods of designing the components of automatic control systems and electrical systems of aircraft; 2) theoretical development of design methods of calculating electric circuits. Most of the articles in this collection are a continuation of works published in the preceding collections by the above Department (Trudy MAI 1956, Mr. 66, and 1957, Mr. 85; Oborongiz). No parametrices are mentioned. References follow the most articles.

Izrailev, V.M., Candidate of Technical Sciences. Electrical Parameters and Calculation of the Transverse Asymmetry of a Two-wire Three-phase Aircraft Electrical Two-Wire-Frame System. The author investigates the electrical parameters of an asymmetric circuit for various cases of transverse asymmetry and finds their symmetrical components for generator currents.

Izrailev, V.M., Candidate of Technical Sciences. Electrical Parameters and Calculation of the Transverse Asymmetry of a Two-wire Three-phase Aircraft Electrical Two-Wire-Frame System. The author presents his method of calculation.

Bibliography 73
Kovzan, A.A., Engineer. Electrical Calculation of Systems in the Two-wire Aircraft Frame With Asymmetric Loads. 74
The author outlines his method of calculation and presents a numerical example.

Bibliography 78
Izrailev, V.M., Candidate of Technical Sciences. Some Conditions for Optimal Performance of Pulse Protection Against Short-circuits In D-C Systems. 79
The author describes the type of differential pulse protection used, finds analytically the conditions for optimal performance, and presents a numerical example of calculations.

1C1

9(3)

AUTHOR: Kcv zan, A.A., Engineer

SOV/143-59-4-3/20

TITLE: Balancing of Three-Phase Systems with Single-Phase Charges

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy - Energetika, 1959, Nr 4, pp 17-25 (USSR)

ABSTRACT: The article deals with methods to balance three-phase systems without neutral wire. At first the problem is considered in general, when each phase of the consumer is closed by a load resistance and a load is between two phases. The values of the three load resistances which are necessary to achieve a perfect balancing of the system are calculated with the help of vector diagrams. In addition, the author investigates, what influence the phase shift coefficient $\cos \psi$ of the load has on the voltages of the compensating elements. The results of this investigation are shown in a graph. The article then deals with a method of balancing with only two compensating elements, which may be considered a special case of balancing

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SOV/143-59-4-3/20

Balancing of Three-Phase Systems with Single-Phase Charges

with three closing resistances. Three cases are examined in which the compensation resistance X_A , X_B and X_C are equalling 0. In all three cases the load is constant between the phases B and C. The values of the two compensating elements differing from zero, which are necessary for a complete balancing of the system, are calculated for varying consumption load. There is a numerical example to calculate the compensating elements. The calculation method discussed above makes it possible to obtain a desired value in the phase shift of the symmetrical system. The curves in graph 3 tell in which fields it is recommendable to arrange the three compensating elements in a star-delta connection. It is possible to balance the system with only two compensating elements, both if the phase dislocation coefficient is constant (independent of $\cos \psi$) and if it is variable (dependent on $\cos \psi$). ✓

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SOV/143-59-4-3/20

Balancing of Three-Phase Systems with Single-Phase Charges

There are 4 block diagrams, 4 vector diagrams, 1 graph and 3 Soviet references.

ASSOCIATION: Moskovskiy ordena Lenina aviationsionnyy institut imeni S. Ordzhonikidze (Moscow Order of Lenin Institute for Aviation imeni S. Ordzhonikidze) ✓

Card 5/3

KOVZAN, A.A., inzh.

Some variants of devices which symmetrize three-phase systems
subjected to single-phase loads. Izv. vys. ucheb. zav. energ. 3
no.2:27-40 F '60. (MIRA 13:2)

1. Moskovskiy ordena Lenina aviatsionnyy institut imeni S. Ordzhonikidze.
Predstavlena kafedroy teoreticheskoy elekrotekhniki.
(Electric networks)

KOVLAN, A.A., inzh.

Simplified calculation of a balancing device with natural
inductance and capacitance. Inv. v.s. ichet. zav.; energ. 3
no. 12:32-59 D 1°C. (TM 14:2)

1. Moskovskiy gosudarstvennyi aviatcionnyi institut imeni
S. Grigor'evicheskogo. Predstavlenia katedroy teorii elektricheskoy
energetiki i elektrotehniki.

(Electric power distribution)

KOVZAN, A. A. Cand Tech Sci -- "Asymmetry of [REDACTED] three-phase aircraft systems and methods of its compensation." Mos, 1961 (Min of Higher and Secondary Specialized Education RSFSR. Mos Order of Lenin Aviation Inst im Sergo Ordzhonikidze). (KL, 4-61, 196)

187

KOVZAN, A.A., inzh.

Evaluation of nonsymmetry in three-phase systems by means of
nomograms. Izv. vys. ucheb. zav.; energ. 4 no.7:28-34 Jl '61.
(MIRA 14:7)

I. Moskovskiy ordena Lenina aviatsionnyy institut imeni
S. Ordzhonikidze.

(Electric power distribution)

KOVZAN, A.A., kand.tekhn.nauk

Static balancing of a three-phase system using a single-element reactive device. Izv. vys. ucheb. zav.; energ. 6 no.4:105-110 Ap '63. (MIRA 16:5)

1. Moskovskiy ordena Lenina aviatsionnyy institut imeni Sergo Ordzhonikidze. Predstavlena kafedroy teoreticheskoy elektrotehniki. (Electric networks)

KOVZAN, B., (Lt Col, Air Force, Hero of the Soviet Union)

Kovzan, B., (Lt Col, Air Force, Hero of the Soviet Union) - Author of short article "Master Knowledge!" telling airplane model builders of Dosaaf USSR how he and other pilot-heroes became interested in models. (Photograph shown) (Kryl' Rod, No 4, Apr 54)

SO: SUM 182, 13 August 1954

Subject : USSR/Aerodynamics AID P - 2203
Card 1/1 Pub. 135 - 4/18
Author : Kovzan, B., Guards Lt. Col., Hero of the Soviet Union
Title : Ramming an aircraft
Periodical : Vest. vozd. flota, 6, 24-28, Je 1955
Abstract : The author discusses the technique of ramming aircraft and gives examples from World War I and II. He considers also the ramming possibilities of jet aircraft, in particular those of the Mig-15 and suggests methods of doing it.
Institution : None
Submitted : No date

KOVZCIC, N.

MATOVINOVIC, J.dr; KOVZCIC, N., dr; OBERHOFER, B. dr;

~~Pathophysiology and symptomatology of Cushing's syndrome.~~ Lijec.
vjes. 77 no.1-2:1-13 Jan-Feb '55.

Iz Interne klinike Medicinskog fakulteta u Zagrebu.
(CUSHING SYNDROME,
sympt. & pathophysiolog.(Ser))

KOVZEL', A. G.

"Analysis of the Processes Governing the Formation of Springtime Floods (High Water) in the Small Watersheds of a Steppe Zone." Cand Tech Sci, State Hydrological Inst, Leningrad, 1954. (RZhGeol, No 1, 1955)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

KOVZEL', A.G.

~~Runoff rate of melt waters on the surface of small watersheds.
Trudy GGI no.50:148-167 '55.~~ (MLRA 9:8)
(Runoff) (Snow)

KOVZEL', A.G.

Simplified system of calculating the water yield of snow. Trudy
GGI no.99:141-176 '62. (MIRA 15:9)
(Snow) (Thawing)

LEMESHONOK, V.D.; AVDASEV, V.I.; KOVZEL', N.I.

Effect of cooling with fluid spray on the broaching process.
Stan. i instr. 35 no.1:34-36 Ja '64. (MIRA 17:3)

L 37083-66 EWP(k)/EWT(m)/T/EWP(t)/ETI IJP(c) DJ/JD
ACC NR: AP6008988 SOURCE CODE: UR/0121/65/000/011/0022/0026

AUTHORS: Rabinovich, E. Ye.; Kovzel', N. I.; Kruts'ko, D. A. 53
ORG: none 52
TITLE: Broaching with internal chip removal for machining deep openings B
SOURCE: Stanki i instrument, no. 11, 1965, 22-26
TOPIC TAGS: metal broaching, broaching tool, metal cutting, broaching machine, cast iron, camera, strain gage, oscilloscope/ 7A520 broaching machine, SCh12-28 cast iron, SKS-1M ~~film~~ camera, BF-2 strain gage, MPO-2 oscilloscope 10 10 10 10
ABSTRACT: Based on recommendations by Ye. G. Konovalov (Osnovy novykh sposobov metalloobrabotki. Minsk, Izd-vo AN BSSR, 1961), a broaching tool of R18 alloy with internal chip removal was built and tested at SKB-12 in Minsk (see Fig. 1). The experiments were performed on horizontal broaching machine 7A520 at feeds of 0.1--1.5 mm/tooth and speeds of 3, 7 and 10 m/min using a coolant. These experiments were performed on 150 mm long SCh12-28 cast iron specimens. Films of the chipping process were taken with "Kiev S-2" and SKS-1M film cameras, and broaching forces were recorded using BF-2 strain gages on an MPO-2 oscilloscope. Curves of the specific broaching force (kg/mm) as a function of feed rate (0-1.5 mm/tooth) and tool angle ($\gamma = 10, 15, 20, 30^\circ$) and of chip size (mm) as a function of feed rate are presented. It was found that cast iron could successfully be broached at feeds of up to
Card 1/2 UDC: 621.919.3-47

L 37083-66

ACC NR: AP6008988

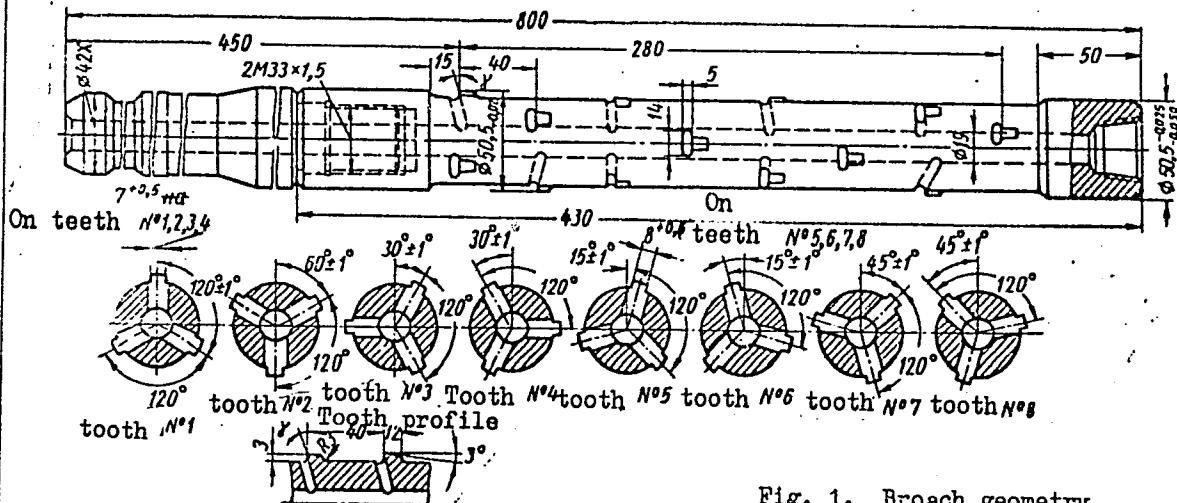


Fig. 1. Broach geometry

1.5 mm/tooth provided sufficient cooling fluid was introduced (\approx 90 liter/min).
Orig. art. has: 8 figures. [Abstracter's note: There are 2 pages of detailed drawings of gear cutters between pages 24 and 25 of the article. These are not referred to and may belong with some other article.]

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 005
Card 2/2

RABINOVICH, E.Ye.; KOVZEL', N.I.; KRUTSKO, D.A.

Broaches with an internal chip removal for machining deep holes.
Stan. i instr. 36 no.11:22-26 N '65. (MIRA 18:11)

KOVZEL', N. I.; RABINOVICH, E. Ye.; KRUTSKO, D.A.

Geometry of cutting tool and cutting conditions in broaching
brittle materials. Stan. i Instr. 35 no.5:35-36 My '64.
(MIRA 17:7)

KALESHIN, A.G.; KOVZEL', N.I.; RABINSKICH, E.Ye.

Broaching deep holes in cast-iron parts. Stan. i instr. 34
no.10:30-31 O '63. (MIRA 16:11)

ZHILINSKIY, O.V., inzh.; KOVZEL', N.I., inzh.; LEMESHONOK, V.D., inzh.;
PETROV, O.D., inzh.

Automatic broaching machine for machining bimetallic bushings.
Vest.mashinostro. 43 no.8:57-60 Ag '63. (MIRA 16:9)
(Broaching machines)

GOLOMB, L.M.; Prinimali uchastiye: BYKOVA, L.I.; SHALIMOVA, G.V.:
NESKORODEVA, V.I.; KOVZHIN, L.A.

Structural and mechanical properties of vat brilliant green Zh as
suspensions or pastes. Khim.prom. no.8:531-535 Ag '61.

(MIRA 14:8)

1. Filial Gosudarstvennogo nauchno-issledovatel'skogo instituta
organicheskikh poluproduktov i krasiteley, g. Rubezhnoye.
(Dyes and dyeing)

KOVZHIN, L. A.; KHARKHAROV, A. A.

Analysis of active vinylsulfonic dyes by means of paper chromatography. Izv. vys. ucheb. zav.; tekhn. tekst. prom. no.4:84-88 '62. (MIRA 15:10)

1. Leningradskiy tekstil'nyy institut imeni Kirova.

(Dyes and dyeing) (Paper chromatography)

KOVZHIN, L.A.; KHARKHAROV, A.A.

Removal of colored admixtures from active vinyl sulfene dyes. Izv.
vys.ucheb.zav.; tekhn.tekst.prem. no.3:95-97 '63. (MIRA 16:9)

1. Leningradskiy tekstil'nyy institut imeni S.M.Kirova.
(Dyes and dyeing—Chemistry)
(Sulfenes)

KOVZHIN, L.A.; KHARKHAROV, A.A.

Selecting the efficient system for nylon dyeing with active
vinylsulfonic dyes. Izv. vys. ucheb. zav.; tekhn. tekst. prom.
no.4:105-110 '64. (MIEA 17:12)

1. Leningradskiy institut tekstil'nyy i legkoy promyshlennosti
im. S.M. Kirova.

KONOVALOVA, Z.B.; KOVZHINA, L.P.

Some physicochemical, toxic and tinctorial properties of active
neutral red. TSitologiya 7 no.2:259-264 Mr-Ap '65. (MIRA 18:7)

1. Laboratoriya biokhimii kletki Instituta tsitologii AN SSSR i kafedra
khimicheskoy tekhnologii voloknistykh materialov Instituta tekstil'noy
i legkoy promyshlennosti, Leningrad.

KOVZHUN, I.

Experiment justified by practice. Mast. ugl.3 no.12:25 D'54.
(MIRA 8:6)

1. Nachal'nik shakhty no. 7-6 kombinata Kuzbassugol'
(Coal mines and mining)

KOVZHUN, I.; SILANT'YEV, D.

Leading mine in the Kuznetsk Basin. Ugol' 38 no. 3:6-8 Mr 163.
(MIRA 18:3)

1. Shakhta "Surtaikha" tresta Kiselevskugol' kombinata Kuzbassugol'
(for Kovzhun). 2. Kuznetskiy nauchno-issledovatel'skiy ugol'nyy
institut (for Silant'yev).

Ковзирдзе, З.З.

Secretory activity of the stomach in various combinations during physical load and the consumption of food of different quality.
Vop. pit. 24 no. 6:50-53 N-1 1965 (МТРА 19:1)

1. Кафедра нормальной физиологии (зав. - проф. А.Н. Бакурадзе)
Тбилисского государственного медицинского института и кафедра
гигиены и спортивной медицины (зав. - доцент З.З. Ковзирдзе)
Грузинского государственного института физической культуры.

KOVZIRIDZE, Z.Z.

AID P - 2479

Subject : USSR/Medicine

Card 1/2 Pub. 37 - 8/19

Authors : Kancheli, A. I., Dotsent, Kovziridze, Z. Z., Kand. Med. Sci.

Title : Hygienic principles for the dates of the beginning and end of the academic year in the climatic conditions of the southern regions of the USSR.

Periodical : Gig. i san., 7, 33-36, Jl 1955

Abstract : An account of the authors' study of microclimatic conditions in schoolrooms and of their effect on the state of health and the efficiency of school-children. These investigations were carried out in the schools of Tbilisi at the beginning and the end of the academic years 1951, 1952 and 1953. The results of these observations demonstrate that the school-year in the South of the Soviet Union must begin not before Sept. 15 (instead of Sept. 1) and end fifteen days later than in the Northern regions. Diags.

Gig. i san., 7, 33-36, J1 1955

AID P - 2479

Card 2/2 Pub. 37 - 8/19

Institution: Chair of School Hygiene, Tbilisi Medical Institute

Submitted : May 15, 1954

KOVZIRDZE, Zakhariy Zekhar'yavich

[Hygienic routine for children in school and at home] Gigieni-
cheskaya organizatsiya rezhima dnia uchashchegosia v shkole i
sem'e. Tbilisi, Tsodna, 1958. 150 p. (MIRA 12:3)
(CHILDREN--CARE AND HYGIENE) (SCHOOL CHILDREN)

NOWAK-RESZEL, Irena

Alkaline phosphatase activity of the leukocytes in normal
subjects. Poznan. tow. przyjac. nauk wydz. lek. 26:333-370
'63.

(BLOOD ALKALINE PHOSPHATASE)
(LEUKOCYTES)

K

POLAND/Optics - Optical Technology.

Abs Jour : Ref Zhur Fizika, No 4, 1960, 9724

Author : Kowakski Antoni

Inst : ~~WILDE~~ THEODOLITE OF PZO MAKE
Title : New Type T201 Theodolite of PZO Make

Orig Pub : Poniarzy, automat., Kontrola, 1959, 5, No 5, 200-201

Abstract : The optical industry of Poland has developed in 1959 a new optical theodolite, model T301. Compared with analogous T1 model of the Wild firm, the T301 model has a simpler reading device, employs fewer optical parts, and weighs almost 1 kg less. Compared with the Zeiss theodolite (East Germany) model Theo030, the T301 has a shorter sighting tube, a different arrangement of the optical level, and an original arrangement for illuminating the grid of hairlines of the sighting tube. The readings are on each side of each dial. The illumination of the dials and of the grid is through one

Card 1/2

S/123/62/000/005/009/010
A052/A101

AUTHOR: Kowal, A.

TITLE: A chuck for twist drills with a shortened working part

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 5, 1962, 78, abstract
5B473 ("Mechanik", 34, no. 5, 1961, 276, Polish)

TEXT: A short description of a chuck for twist drills 10 mm in diameter permitting the change in the length of the working part of the drill. With a decrease of the working length of a drill its service life increases. When the length of the working part of a drill decreases to 1/3, the rated service time of the drill increases by a factor of 80 when drilling holes 6.5 mm in diameter in difficult-to-process steels and by a factor of 7 when drilling holes 8.8 mm in diameter in steel 85. This caused the necessity of creating such a design of a chuck which would make it possible to set the drill in it not on the whole length but only on the working length. It is pointed out that such chucks can be made for drills 6.5 - 15 mm in diameter. There are 2 figures.

A. Mazurkevich

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[Abstracter's note: Complete translation]

Card 1/1

KOWAL, Apolinowy Leszek, mgr., inz.

Studies on the possibilities of a uniform distribution of water in a transversal section of a settling basin with horizontal flow in order to improve its efficiency. Archiw hydrotech 8 no.3:353-412 '61.

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Wrocław, ul. Smoluchowskiego 25.

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(PITUITARY GLAND, POSTERIOR, metabolism,
proteins, determ.)

(PROTEINS, determination,
in pituitary gland, posterior)

Kowal, B.
MEJBAUM-KATZENELLENBOGEN, Wanda; KARPIAK, Stanislaw; KOWAL, Barbara; ROMANOWSKA,
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on blood metab., intradermal admin. (Pol))

(BLOOD, effect of drugs on,
ACTH, intradermal admin. (Pol))

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(HYPERSPLENISM ther)
(CORTISONA therapy)
(CORTICOTROPIN therapy)

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(MACROGLOBULINEMIA) (IMMUNOELECTROPHORESIS)
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POLAND

Lesław GRZEGORCZYK, Danuta DOLEGO-SKOŁOŻKA and Stanisław KĘMLA,
Regional Occupational Medicine Consultation Unit (Wojskowe Przychodnie
Medycyny Pracy) Director (dyrektor) Dr L. GRZEGORCZYK; and Department
of Industrial Diseases of Regional Hospital (Oddział Chorób Zawodowych
Szpitala Wojewódzkiego) Head Physician (oryginalny) Dr L. GRZEGORCZYK,
Szczecin.

"Effect of Epoxy and Formaldehyde Resins on Workers' Skin."

Warsaw, Polski Tygodnik Lekarski, Vol 17, No 50, 10 Dec 1962; pp
1942-1944.

*Abstract [English summary modified]: Of 116 persons working directly
with these resins, 32 had lesions of an irritative or eczematous
nature on the skin of the hands and other parts of the body; some
were widespread and severe; many other workers had subjective complaints
as of burning and itching. Prevention and treatment are discussed in
some detail. Nine Eastern and 4 Western references.*

1/1

KOWAL, Stefan

Metallurgical Abst.
Vol. 21 May 1954
Protection

(2)

*Cementation of Steel by Titanium in Molten Sodium Carbonate Containing Titanium Dioxide. Stefan Kowal
(Prace Inst. Mech., 1063, 3, (8), 5-12).—[In Polish].
Cementation tests of mild steel in a bath contg. Na_2CO_3 and TiO_2 in the ratio 108 : 80 are described. The influence of the time and temp. of case-hardening upon the properties and thickness of the "white" layer were studied. Best results are obtained by hardening at 880° - $890^{\circ}\text{C}.$; at higher temp. the thickness of the cemented layer decreases. Thickness of the layer increases with the time of case-hardening up to ~7 hr., and can reach 0.085 mm. Metallographic examination of specimens has shown that the "white" cemented layer is difficult to etch in both the quenched and the annealed states, and does not change its appearance during quenching. Vickers hardness tests have given the values of 600-700 for the quenched and 270-280 for the annealed specimens. The surface layer contains ~5% Ti. An intensive carbonization of steel takes place in the presence of graphite, especially in the primary stage of cementation.—S. K. I.

POLAND/Chemical Technology. Chemical Products and Their
Application. Catalysts and Sorbents.

H

Abs Jour: Ref Zhur-Khim., No 10, 1959, 35512.

Author : Boznanski, A. and Kowal, S.

Inst :

Title : Study of the Activation of Bog Iron Ore by the Addition
of Some Substances.

Orig Pub: Gaz woda, Tech Sanit, 31, No 2, 66-68 (1957) (in Polish)

Abstract: The authors have investigated the effect of the addition of inorganic compounds on the absorption capacity of bog iron ore (BIO) having a grain size of about 1 mm and the following composition: Total Fe 30.92%, SiO₂ 14.6%, and organic compounds 16.3% (pH 6.9). The BIO exhibits maximum activity at a

Card : 1/2

POLAND/Chemical Technology. Chemical Products and Their
Application. Catalysts and Sorbents.

H

Abs Jour: Ref Zhur-Khim., No 10, 1959, 35512.

moisture content of 40-50% and a pH of 7-8.5. Inorganic compounds, added to the BiO in the form of aqueous solutions of $\text{Ca}(\text{OH})_2$, $\text{Mg}(\text{OH})_2$, Al_2O_3 , and TiO_2 at 5% of the weight of the ore as well as in the form of CuSO_4 , $\text{K}_2\text{Cr}_2\text{O}_7$, KMnO_4 , Cr_2O_3 , $\text{Al}(\text{SO}_4)_2$, $\text{Mg}(\text{NO}_3)_2$, $\text{Ni}(\text{NO}_3)_2$, and $\text{Co}(\text{NO}_3)_2$ at 0.5% of the weight of the BiO, have no marked effect on the absorbing capacity of the BiO beyond a small increase in pH. After prolonged storage (about 1 yr) the BiO show a decrease in absorbing capacity. The bibliography lists 14 titles. -- S. Yavorovskaya.

Card : 2/2

H-17

GRZEGORCZYK, Leslaw; DOLEGOWSKA-POTOCZNA, Danuta; KOWAL, Stanislaw

On the problem of the effect of epoxy phenol-formaldehyde resins on workers' skin. Pol. tyg. lek. 17 no.50:1942-1944 10 D '62.

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L. Grzegorczyk i Oddzialu Chorob Zawodowych Wojewodzkiego w Rzeszowie;
ordyantor: dr med. L. Grzegorczyk.
(RESINS) (OCCUPATIONAL DERMATITIS)

KOWAL, Stefan, mgr inz.

"Contemporary steel types for toothed wheels and technology
of their thermal treatment" by A.D. Assonow [A.D. Asonov].
Reviewed by Stefan Kowal. Przegl mech 21 no.14:448-449
25 Jl '62.

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22 no.6:170-174 25 Mr '69.

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BANKOWSKI, Czeslaw; KOWAL, Tadeusz

Investigations on the content of oil in various organs of *Ruta graveolens* L. subsp. *hortensis* (Miller) Gams. during 1 year of its growth. *Acta pol. pharm.* 19 no.6:497-505 '62.

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in the upper and lower parts of the retina. Prace zool no. 6:193-216 '62.

1. Institute of Animal Psychology and Ethology, Jagiellonian University,
Krakow. Head: prof dr. R.J. Wójcik.

KOWAL, Waclaw

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KOWAL, Zbigniew, dr inz. (Wroclaw)

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KOWAL, Zbigniew, dr inż.

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KOWAL-GIERCZAK, Barbara (Wroclaw, ul. Rosenbergow 21.)

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Polski tygod. lek. 12 no.49:1899-1901 9 Dec 57.

1. I Klinika Chor. Wewn. we Wroclawiu: kierownik: prof. dr Zofia Czezowska,

(FRUCTOSE, metabolism,
in diabetes mellitus & normal cond., review (Pol))
(DIABETES MELLITUS, metabolism,
fructose conversion, review (Pol))

CHACHAJ, Wladyslaw; KOWAL-GIERCZAK, Barbara

Cholinesterase in the blood serum in allergic bronchial asthma.
Polski tygod. lek. 16 no.12:421-426 20 Mr '61.

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dr Zofia Czezowska.

(ASTHMA blood) (CHOLINESTERASE blood)

KOWAL-GIERCZAK, Barbara

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dr Zofia Czezowska.

(MUCOPROTEINS blood)

CZEZOWSKA, Zofia; KOWAL-CIERUZAŁ, Barbara; RUDŁAWSKI, Alina; SPOŁKOŁA
Irena ; WRZYŻCZAK, Maria

Effect of methylene blue on the excretion of 17-hydroxyso-
ticosteroids and on the clinical picture of patients with
chronic progressive rheumatism. Pol. tyg. lek. 19 no.45
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Wrocławiu (Kierownika prof. dr. med. A. Kłeczkowski) i z
Oddziału Reumatologicznego Szpitala Wojewódzkiego im. J.
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Maria

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Pol. tyg. lek. 19 no.33:1265-1266 17 S '64.

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(kierownik: prof. dr med. Aleksander Kłeczenki).

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KOWALCZEWSKA, Danuta, mgr.

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El. Reicher.
(ARTHRITIS RHEUMATOID) (PSYCHOTHERAPY)

MAJKOWSKI, Jersy; SKIBINSKI, Karol; KOWALCZEWSKA, Janina

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dr.med. I.Haumanowa-Petrusewicz) i z Instytutu Reumatolo-
gicznego w Warszawie (b.Dyrektor: prof.dr.med. E.Reicher).

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Behavior of total lipids and phospholipids in the blood serum
following a fatty meal in normal and obese subjects. Pol. arch.
med. wewnetr. 33 no.11:1253-1259 '63.

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Kierownik: prof. dr med. E.Ruzyllo.

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Serum turbidity in obesity. Pol. tyg. lek. 19 no.12:421-423 16 Mr
'64.

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Studiów Podosztalconia Lekarzy w Akademii Medycznej w Warszawie i z
Ośrodka Naukowo-Leczniczego Katedry w Kudowie-Adroju (kierownik: prof.
dr. med. E. Ruzyllo).

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Old Polish Mining Basin, p. 235. (GEOGRAFIA W SZKOLE, WARSZAWA, Vol. 7, no. 5. Sept./Oct. 1954.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

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Case of hepatic insufficiency treated by splenectomy.
Polski tygod. lek. 11 no.26:1184-1188 25 June 56.

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J. Mossakowski, i z II Oddz. Chorob Wewn. Szpitala Miejskiego
Nr 4 w Warszawie; ordynator: dr. med. F. Podkolinski, Warszawa,
al. gen. Swierczewskiego 67.

(LIVER, diseases,
insuff., splenectomy (Pol))
(SPLEEN, surgery,
excis. in liver insuff. (Pol))

KOWALCZEWSKI, Zbigniew; RUBINOWSKI, Zbigniew

Main tectonic elements of the Paleozoic of the Gory Swietokrzyskie Mountains anticlinorium. Przegl geol 10 no.9:451-455 S '62.

1. Swietokrzyska Stacja Terenowa, Instytut Geologiczny, Warszawa.

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POLAND

KOWALCZEWSKI, Zbignew

Swietokrzyski Field Station of the Geological Institute
(Swietokrzyska Stacja Terenowa Instytutu Geologicznego)

Warsaw, Kwartalnik geologiczny, No 5, 1963, p 563.

"Role and Significance of Great Elevations and
Cross-Depressions in Constructing the Paleozoic
Pedastal of the Swietokrzyski Anticlinorium".

RUBINOWSKI, Zbigniew; KOWALCZEWSKI, Zbigniew

Preliminary draft of a Paleozoic tectonic map of the
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Warszawa.

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J. Iwaszkiewicz i z Zakladu Anatomii Patologicznej AM w Gdansku
Kierownik: prof. dr W. Czarnocki)

(AMYLOIDOSIS case reports)
(OTORHINOLARYNGOLOGY)

KOWALCZUK, Henryk

An undeveloped ganglioneuroma of the nose & of the left maxillary sinus.
Otolary polska 12 no.1:73-76 1958.

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(GANGLIONEUROMA, in inf. & child
nasal cavity & maxillary sinus, surg. of ganglioneuroma
not fully developed (Pol))

(NASAL CAVITY, neoplasms
ganglioneuroma not fully developed in child, surg. (Pol))

(MAXILLARY SINUS, neoplasms
same)

KOWALCZUK, Henryk

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16 no.4:645-648 '62.

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prof. dr J. Iwaszkiewicz.
(HALOTHANE) (ANESTHESIA, INHALATION)
(OTORHINOLARYNGOLOGY)

KOWALCZUK, Henryk

Use of octapressin in otolaryngological interventions. Otolaryng.
pol. 17 no.1:85-87 '63.

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Kliniki: prof. dr J. Iwaszkiewicz.
(VASOPRESSIN) (OTORHINOLARYNGOLOGY)
(TONSILLECTOMY)

FLICINSKI, Eugeniusz; KOWALCZUK, Henryk

General anaesthesia with trilene and nitrous oxide in otolaryngological surgery. Otolaryng. Pol. 18 no.2:259-261 '64.

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KOWALCZUK, Henryk

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(Kierownik: prof. dr. med. J. Iwaszkiewicz.

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Results of observations of elements of earth's magnetism in the Hornsund Fiord on Spitsbergen in 1957. Acta geophys Pol 9 no. 1:59-74.
'61.

1. Department of Geophysics, College of Mining and Metallurgy, Cracow
(for Kowalcuk). 2. Department of Geophysics, Institute of Geology,
Warsaw (for Karaczun).